



# FEMA

**Disclaimer:** The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

## FEMA Region 6 Weather Threat Briefing

Thursday May 28, 2015

Issued: 0800 CT

**Day 1 Hazards:** *Slight chance of severe showers and thunderstorms with flash flooding possible TX/OK*

**Continuing Hazards:** *Major river flooding ongoing TX/OK/AR*

National Weather Service  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX



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# Key Points



## Today

- **Ongoing showers and thunderstorms across OK and N-Central TX this morning**
  - This activity remains in place throughout the day with additional activity developing from the Panhandles through W-Central TX later today
  - There is a slight risk of severe storms over this area today with damaging winds, large hail and isolated tornadoes possible
  - Flash flooding remains a concern as well due to saturated soils

## Friday - Saturday

- **Widespread showers and storms on Friday and shifting southeast on Saturday to over AR, still much of TX and LA**
  - Widespread severe weather threat appears to be low at this time
  - Some heavy rainfall is possible however, and flash flooding is a concern due to saturated soils

## Sunday – Monday

- **With no large scale change in the weather pattern, scattered showers and storms will continue over the Region; there are no signals for widespread severe weather and/or flooding...but there will be some areas that see strong storms/heavy rainfall**






## River Flooding

- **Moderate to major river flooding will be ongoing across OK/TX/AR/LA**

# \*FEMA Region 6 Threat Matrix

## May 28, 2015 - Jun 1, 2015

DAY/ THREAT	THU	FRI	SAT	SUN	MON
Severe Storms	TX/OK Panhandles, West TX, Red River Valley	TX, OK, W AR, N & W LA	AR, TX, LA		
Heavy Rain /Flash Flooding	OK, TX	OK, TX, W AR, NW LA	SE OK, AR, TX, LA	AR, LA, SE TX	AR, LA, SE TX
Fire					
River Flooding	TX, S OK	TX, S OK	TX, S OK	TX, S OK	TX, S OK
	AR/LA	AR/LA	AR/LA	AR/LA	AR/LA

	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*We are experimenting with a new color scale to the left as of April 13<sup>th</sup>. Please provide feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov). See next slide for more details.*



**We are experimenting with a new color scale in these briefings, starting on April 13<sup>th</sup>. The criteria is below, please provide your feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov) and we plan to re-evaluate in the coming months.**

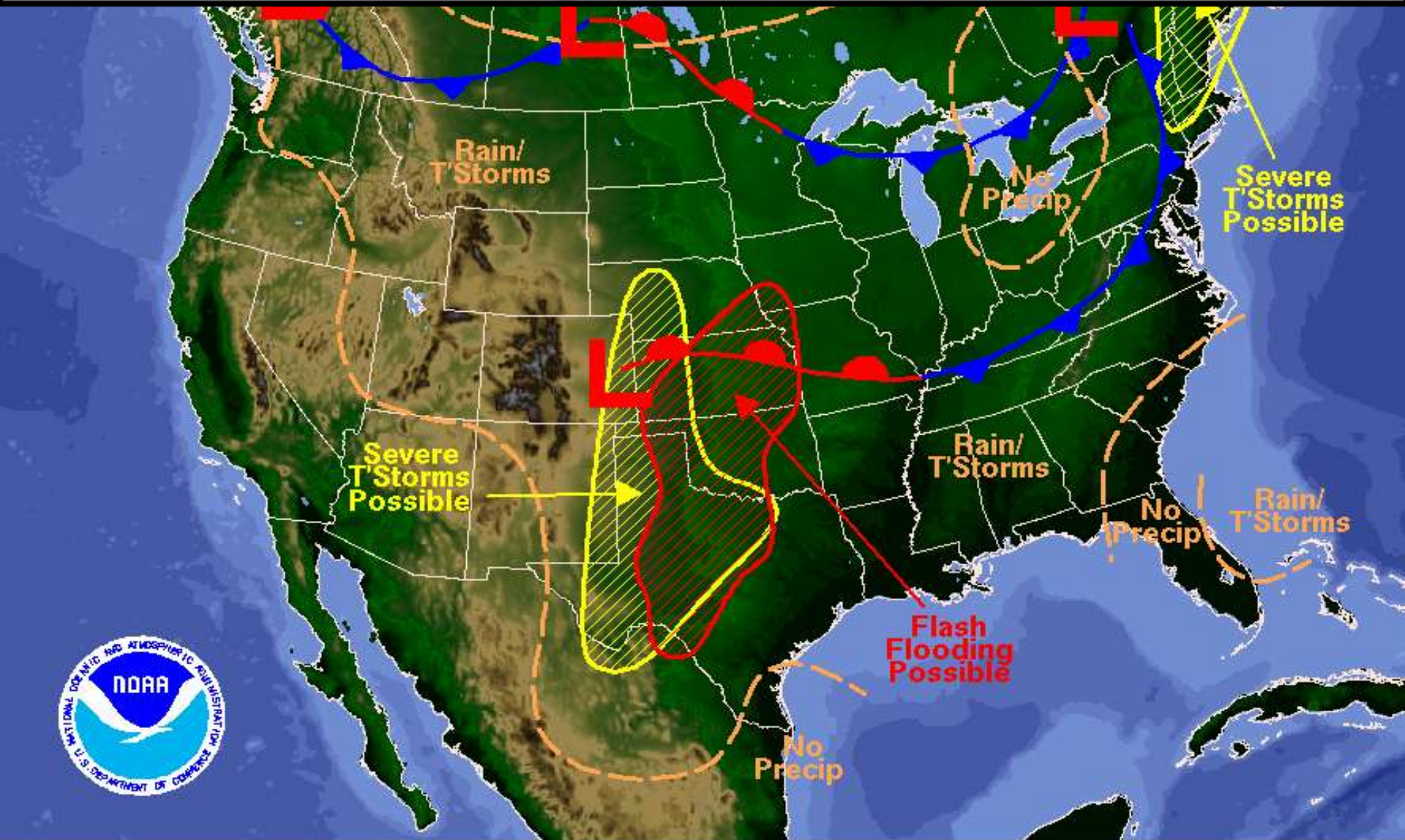


**Weather "Threat" Matrix**

Color	Definition	Criteria	Example(s)
<b>Green</b>	<b>Very Common – Happens Often</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
<b>Yellow</b>	<b>Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Minor Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>
<b>Orange</b>	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Large Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> </ul>
<b>Red</b>	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Major Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> </ul>
<b>Purple</b>	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically results in Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>



# Today's Weather

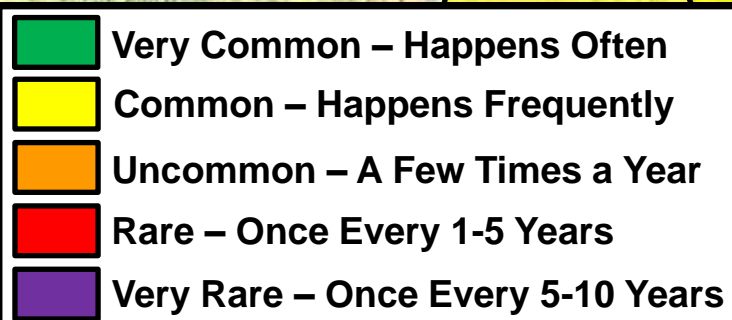
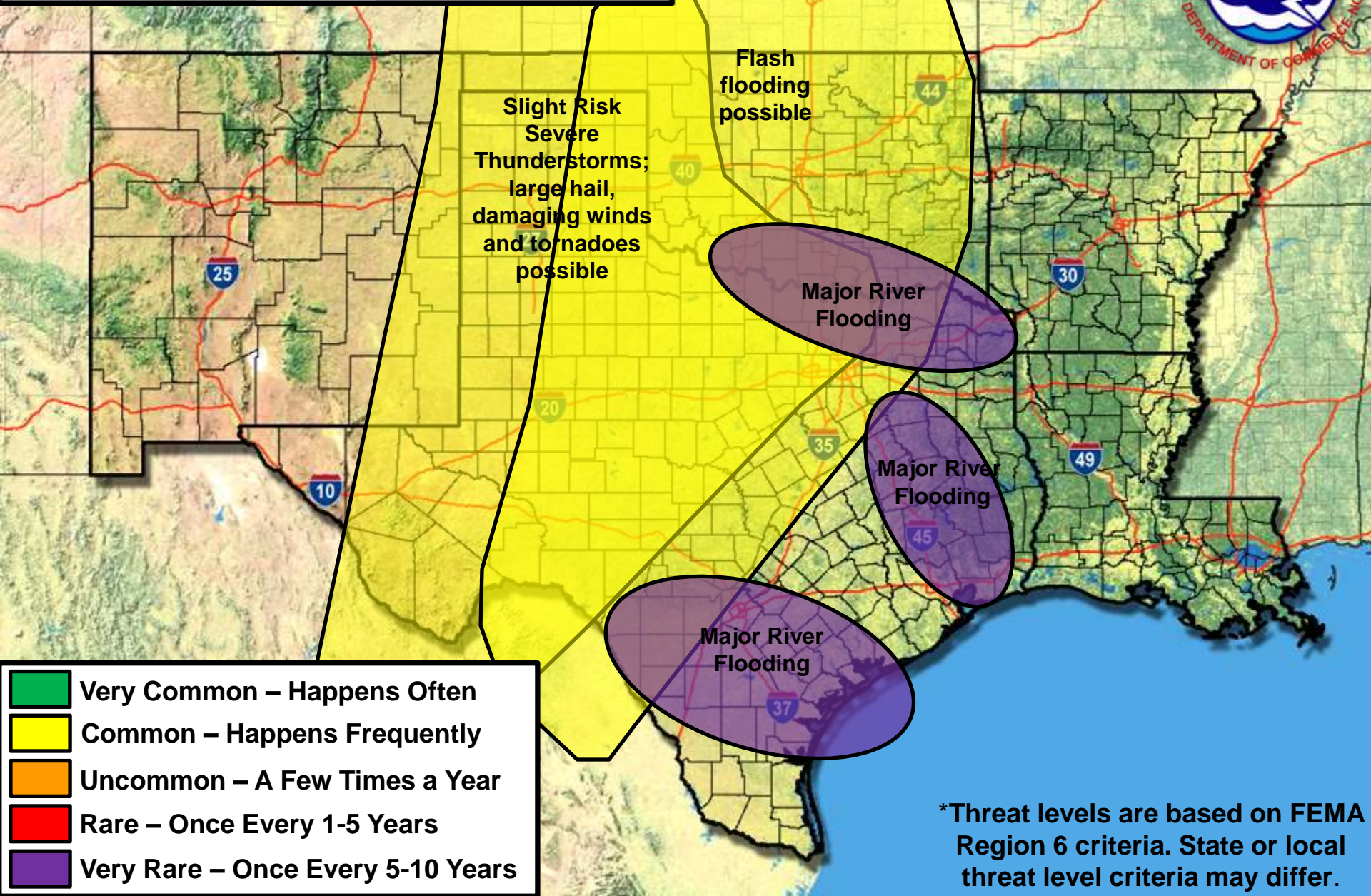


Weather Forecast for Thu, May 28, 2015, issued 4:14 AM EDT  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by McCreynolds based on WPC, SPC and NHC forecasts



# Day 1 Weather Hazards

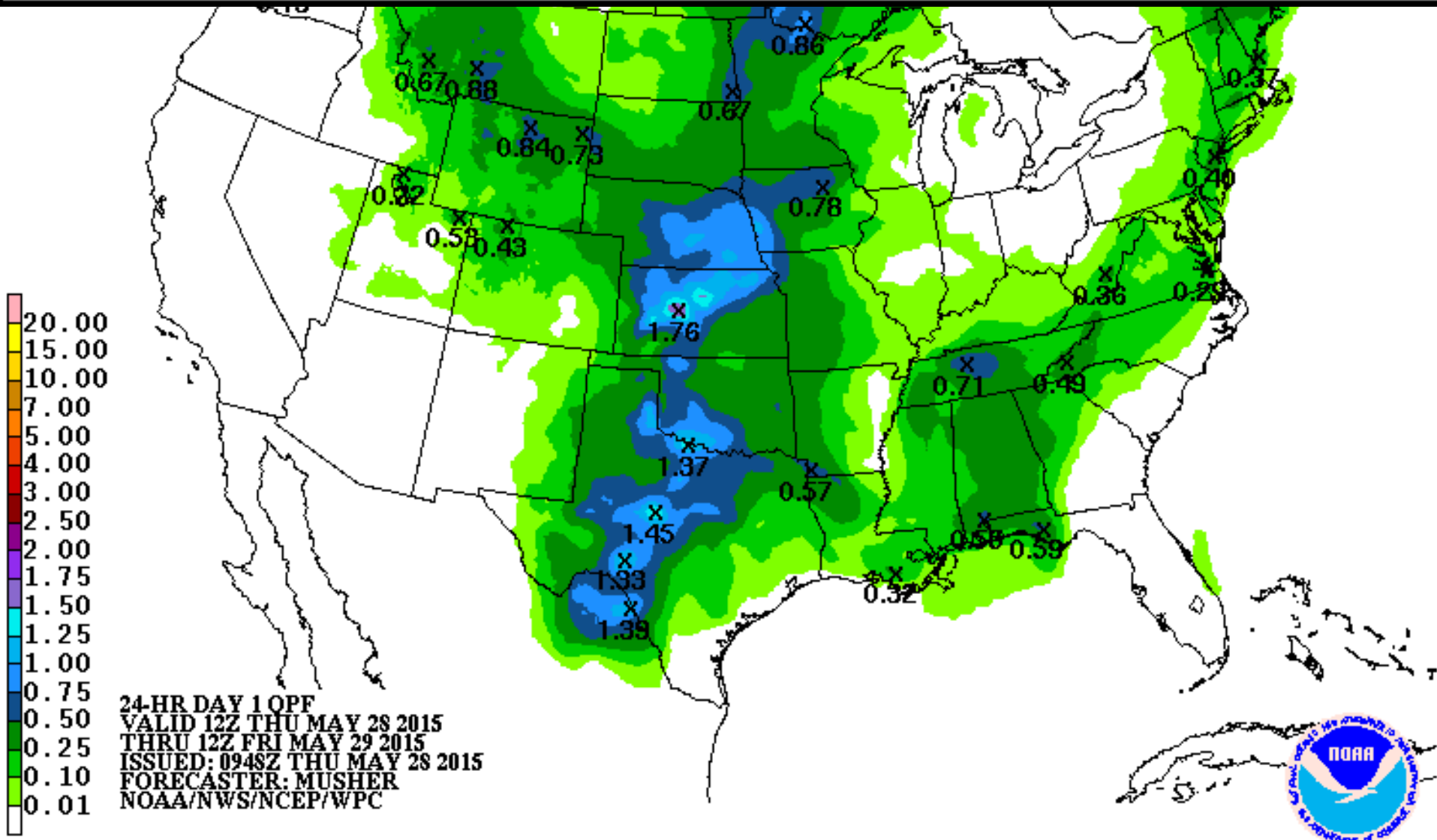
Valid: 0800 Thu - 0800 Fri



\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

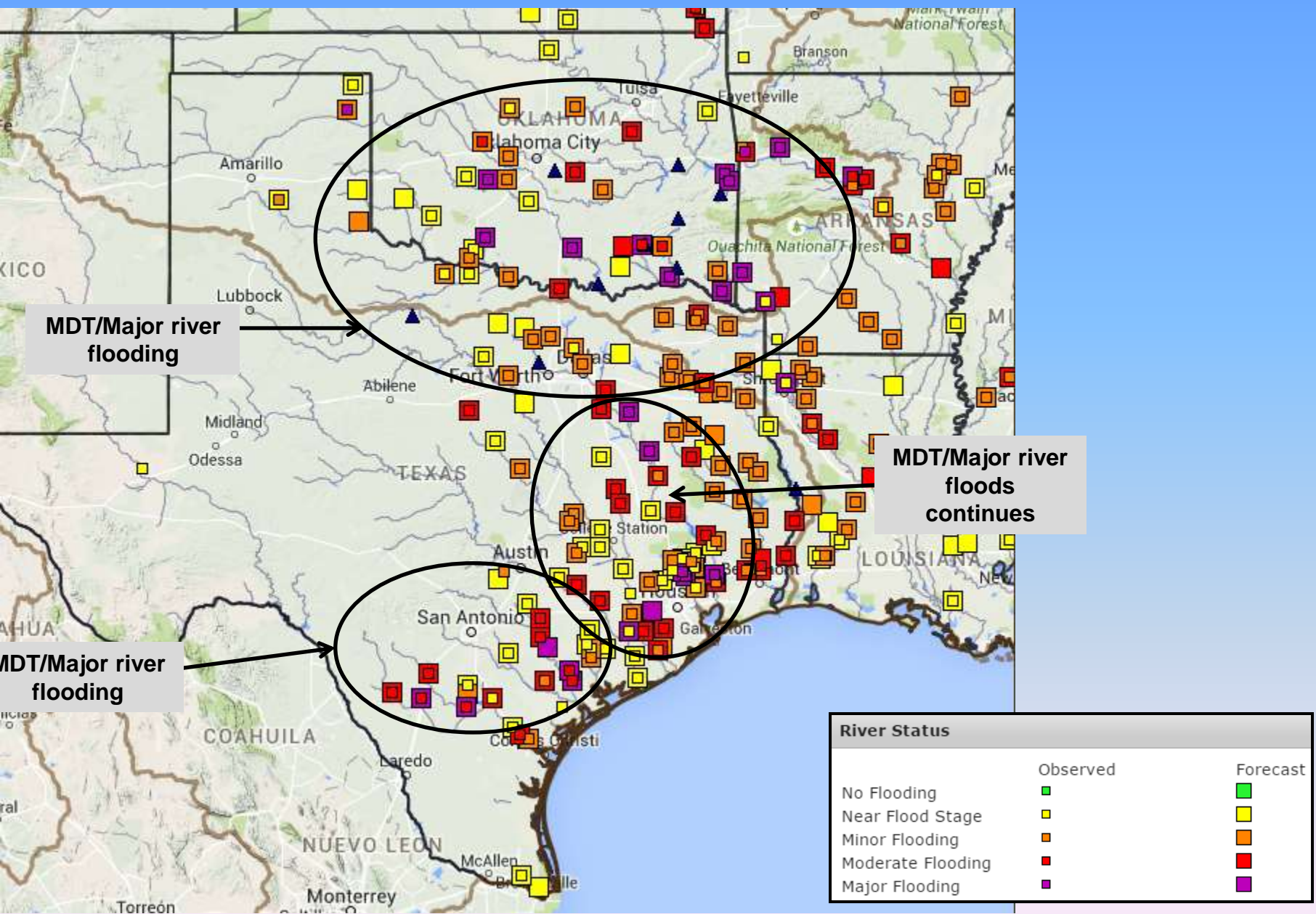
# Today's Precipitation

## Thu AM - Fri AM



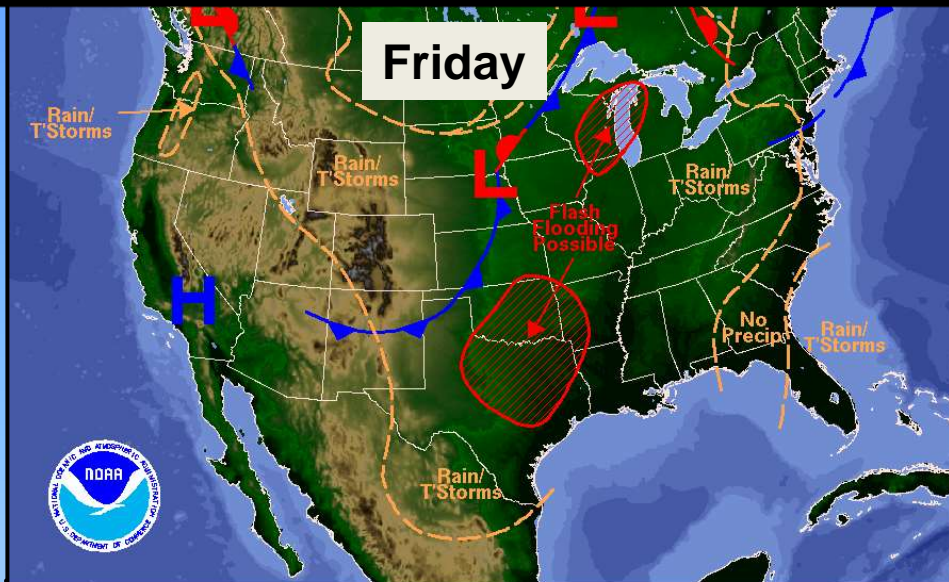


# Current River Status / Near Term Forecast

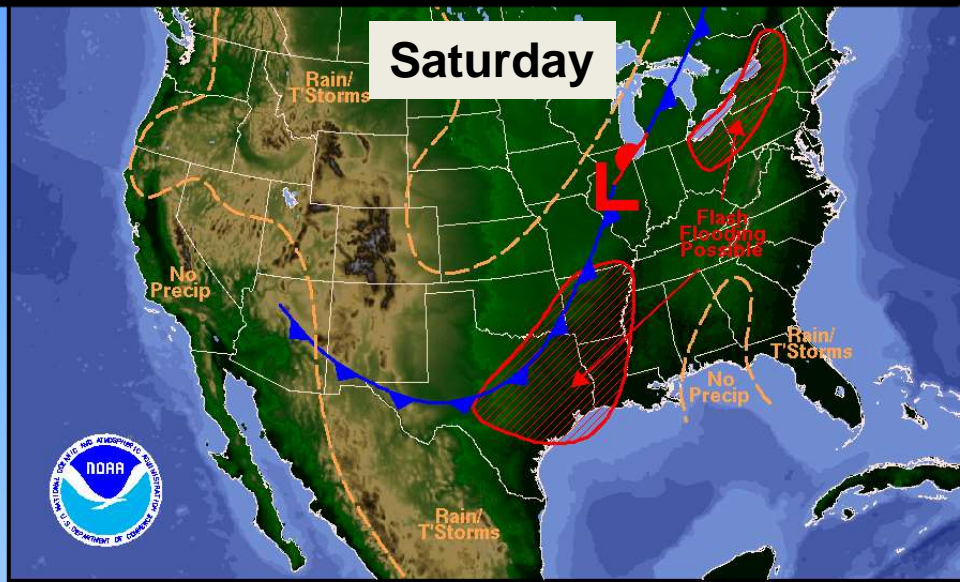




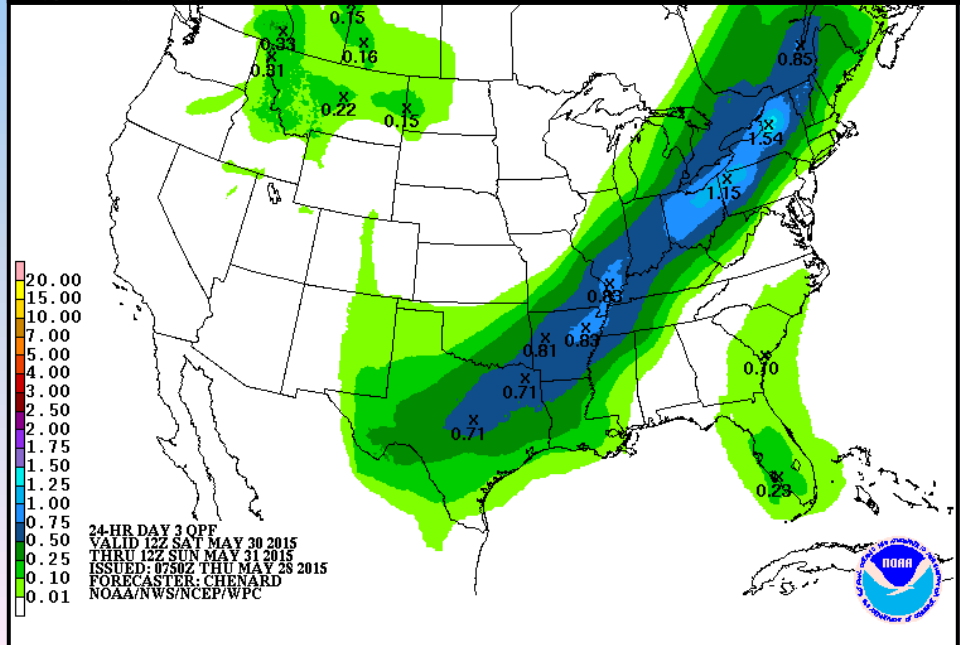
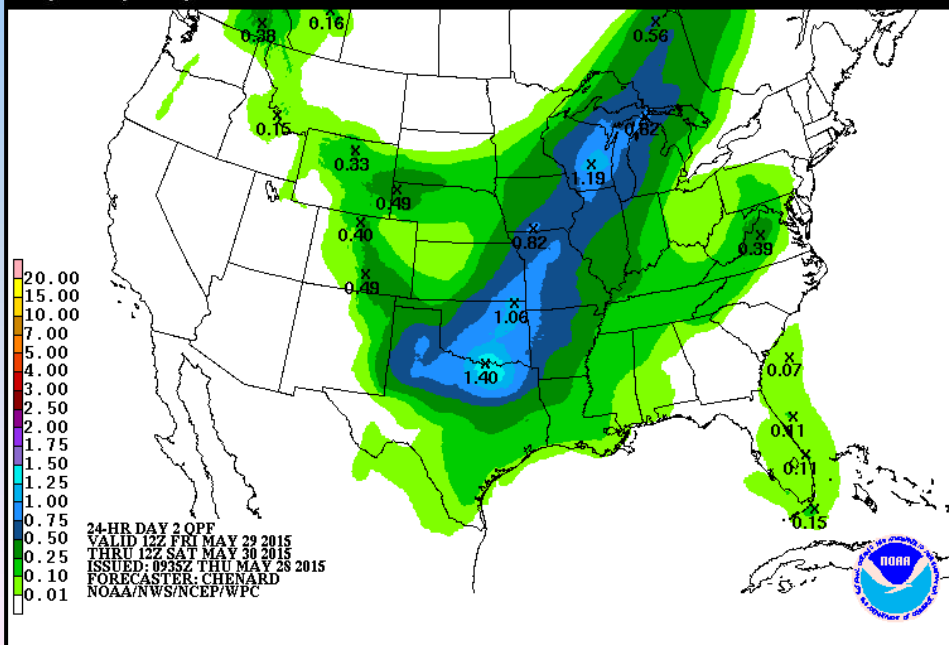
# Day 2-3 Weather Maps/Precipitation



Weather Forecast for Fri, May 29, 2015, issued 4:44 AM EDT Thu, May 28, 2015  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McCreynolds based on WPC, SPC and NHC forecasts



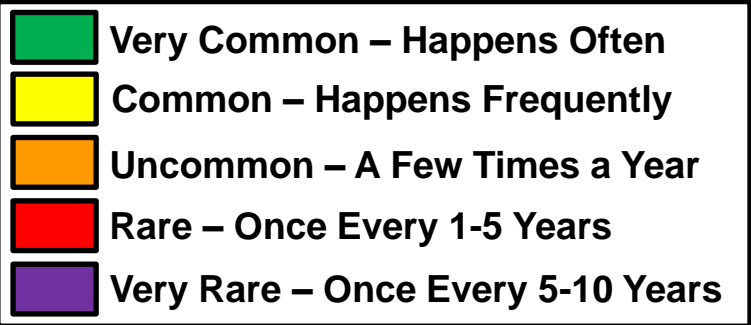
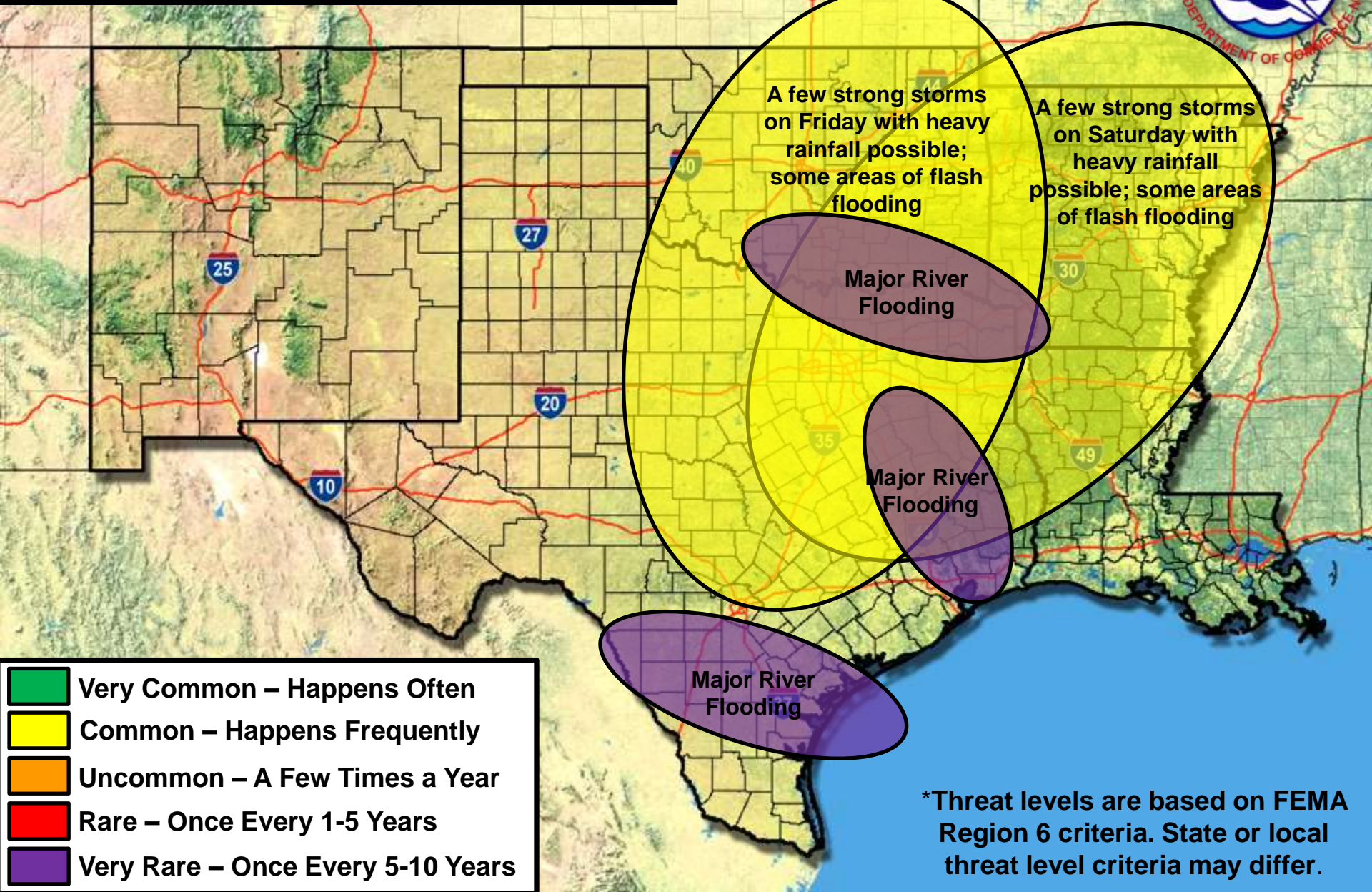
Weather Forecast for Sat, May 30, 2015, issued 4:59 AM EDT Thu, May 28, 2015  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McCreynolds based on WPC, SPC and NHC forecasts





# Day 2-3 Weather Hazards

Valid: 0800 Fri - 0800 Sun

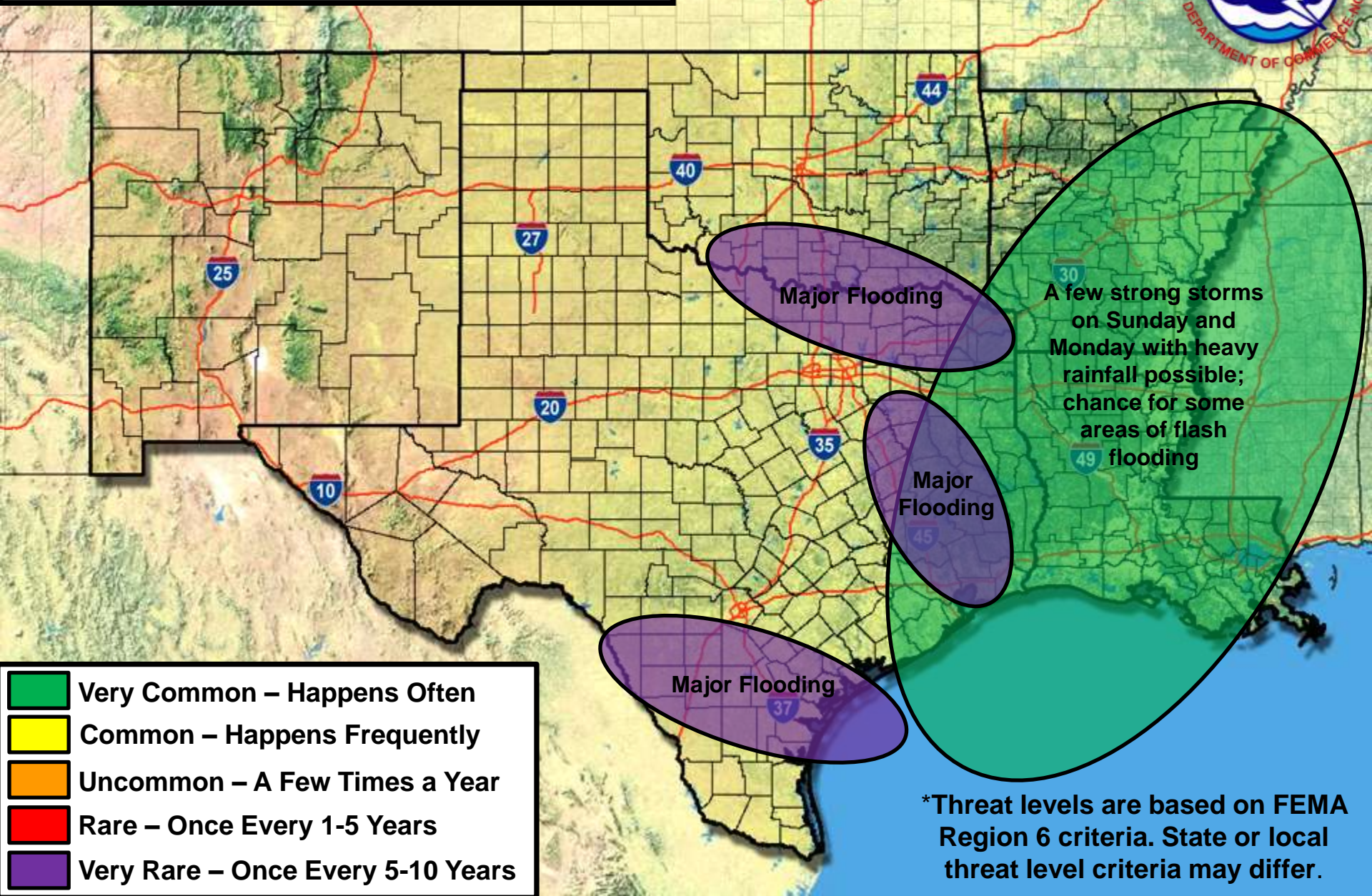


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# Day 4-5 Weather Hazards

Valid: 0800 Sun - 0800 Tue



Major Flooding

A few strong storms  
on Sunday and  
Monday with heavy  
rainfall possible;  
chance for some  
areas of flash  
flooding

Major  
Flooding

Major Flooding

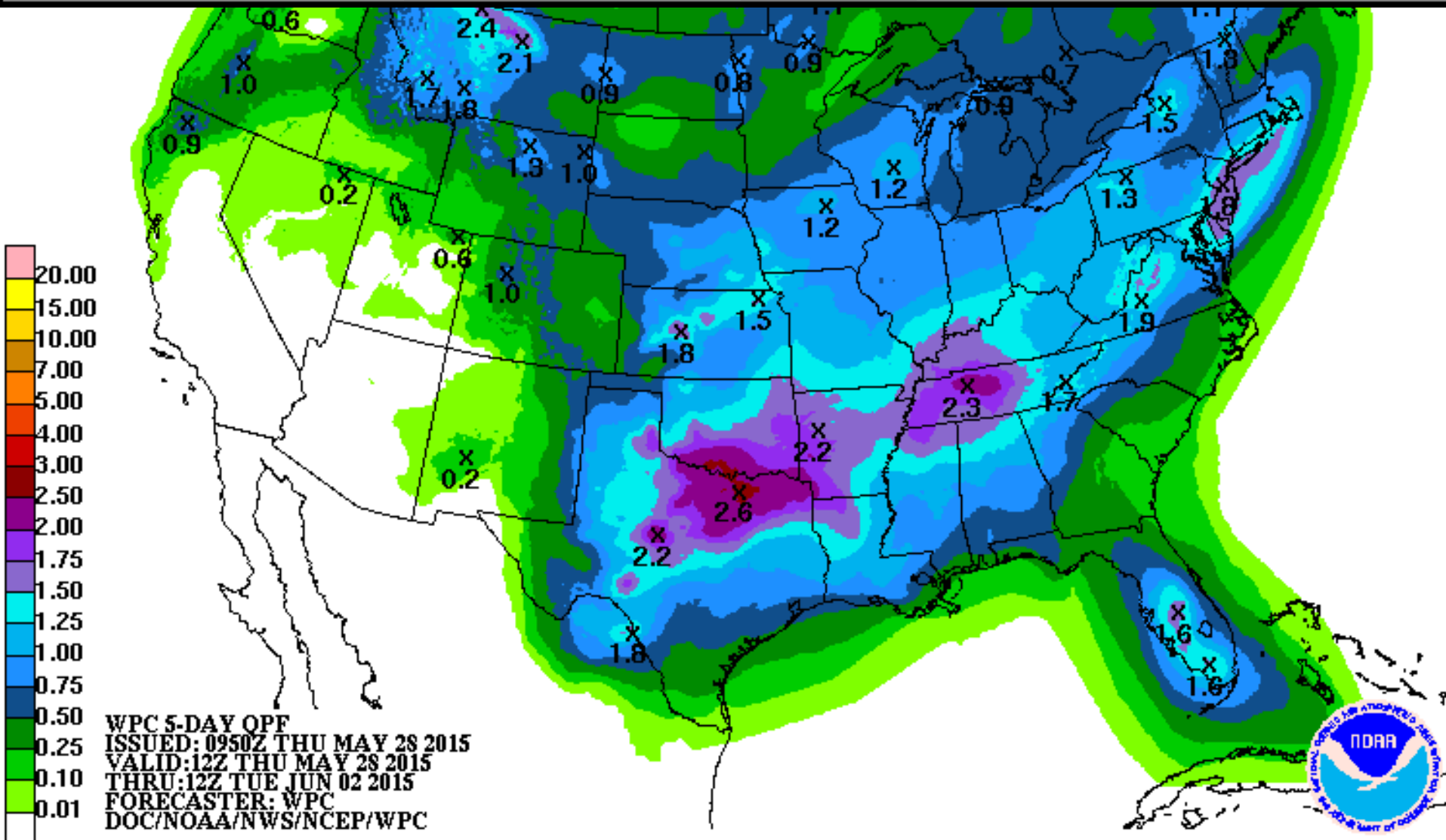
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# 5-Day Precipitation

## Thu AM - Tue AM



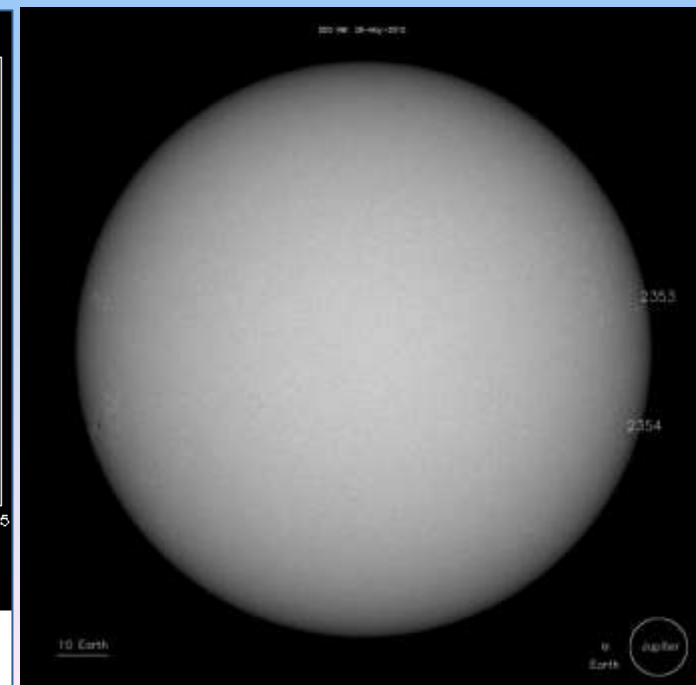
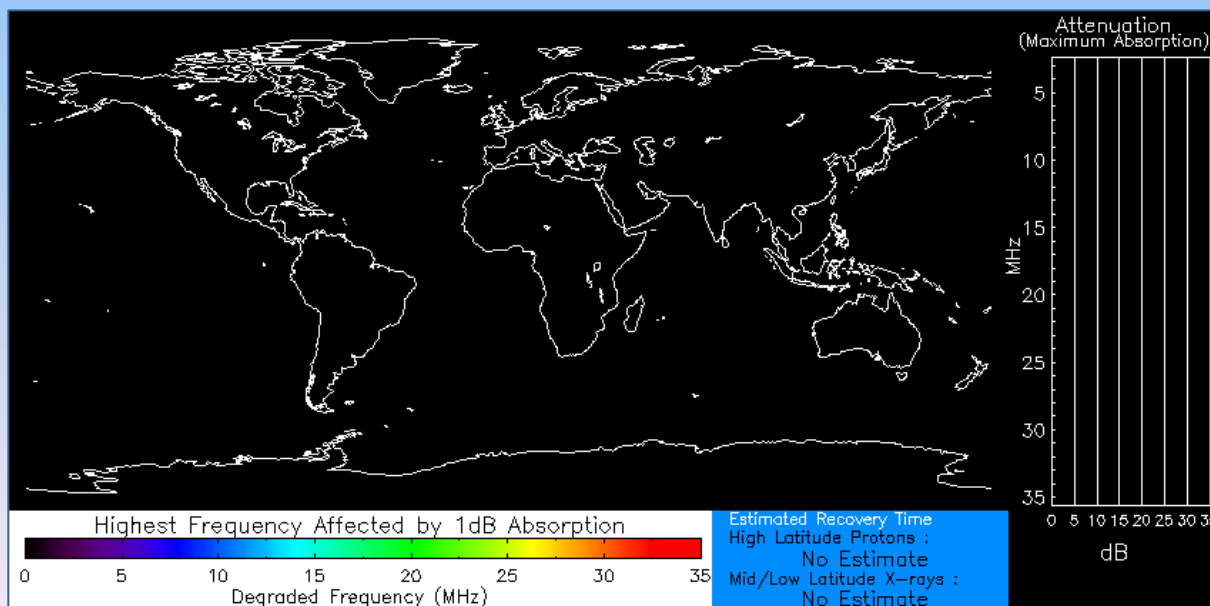
# Space Weather 3-Day Forecast



	Wednesday	Thursday	Friday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Unsettled to Active (Max Kp = 4)	Quiet to Active (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	5%	10%
Radio Blackout (R3-R5)	1%	1%	1%

[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



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Normal Proton Background  
NOAA/SWPC Boulder, CO USA

Information provided by:



**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

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